



**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Fuyuki MAEHARA

Group Art Unit: 2838

Application No.: 10/766,807

Examiner: R. Patel

Filed: January 30, 2004

Docket No.: 118526

For: VOLTAGE REGULATOR FOR CONTROLLING OUTPUT VOLTAGE OF  
AUTOMOTIVE ALTERNATOR

**REQUEST FOR RECONSIDERATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the June 15, 2005 Office Action, reconsideration of this application is respectfully requested in light of the following remarks. Claims 1-4 are pending in this application.

**I. Claim Rejections Under 35 U.S.C. §102**

Claims 1-4 are rejected under 35 U.S.C. §102(b) as anticipated by U.S. Patent 5,151,646 to Vercesi et al. (Vercesi). The rejection is respectfully traversed.

Vercesi fails to disclose each and every feature recited in the rejected claims. For example, Vercesi fails to disclose a voltage regulator for controlling output voltage of an automotive alternator, the voltage regulator comprising a switching transistor for controlling excitation current supplied to a field coil of the alternator in an ON-OFF fashion; a voltage control circuit for controlling the switching transistor to maintain output voltage of the alternator at a predetermined level; and a detector circuit for detecting disconnection in a